

Title (en)

COKE OVEN DOOR WITH A LAYERED SEALING STRIP

Publication

EP 0100040 B1 19880525 (DE)

Application

EP 83106986 A 19830716

Priority

DE 3227733 A 19820724

Abstract (en)

[origin: US4486271A] A coke oven door is equipped with a metallic sealing strip extending therearound and providing a tight seal for the coke oven. The sealing strip is a compound structure of thin layers or laminations of corrosion-resistant, preferably 0.5 mm thick sheet material. The individual layers are welded to one another at their edges, and, especially if the sealing strip is designed as a sectional diaphragm, a knife-edged sealing blade is provided on the free side of the sealing strip, which blade is pressed into tight contact with the door frame by means of thrust plungers, for example. Due to its laminated structure, the sealing strip is capable of taking up hammering without becoming permanently deformed.

IPC 1-7

C10B 25/16

IPC 8 full level

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CPC (source: EP US)

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